

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. - 42. (cancelled)

43. (currently amended) A lower extremity prosthesis comprising:

a semi-rigid, resilient foot keel;

a semi-rigid, resilient leg portion attached to the foot keel;

wherein the semi-rigid, resilient leg portion includes a plurality of elongated, upwardly extending, generally arcuately curved in the sagittal plane, substantially vertically oriented, semi-rigid, resilient members which are spaced apart in the sagittal-sagittal plane intermediate their upper and lower ends and which are anterior facing convexly curved at their lower ends to form an ankle joint area of the prosthesis and which extend upwardly above the ankle joint area to a substantially vertically oriented upstanding upper end of the leg portion, at least one of said plurality of semi-rigid, resilient members is wider in the frontal plane than thick in the sagittal-sagittal plane, the semi-rigid, resilient leg portion storing energy during force loading of the prosthesis and returning energy during force unloading to increase the kinetic power generated for propulsive force by the prosthesis.

44. (currently amended) The prosthesis of claim 43, wherein the semi-rigid, resilient members of the leg portion are fastened together at their upper and lower ends.

45. (cancelled)

46. (currently amended) The prosthesis of claim 43, wherein one of the semi-rigid, resilient members is a shank and another of said semi-rigid, resilient members is a leaf spring fastened at the upper and lower ends of the leaf spring to the shank.

47. (previously presented) The prosthesis of claim 43, wherein the leg portion is attached to the foot by way of coupling means and at least one fastener.

48. (previously presented) The prosthesis of claim 47, wherein the coupling means includes a stop to limit dorsiflexion of the resilient leg portion.

49. (previously presented) The prosthesis of claim 43, further comprising an adapter connected to a proximal end of the leg portion for securing the prosthesis to a socket on the lower limb of a person for use.

50. (cancelled)

51. (cancelled)

52. (cancelled)

53. (new) The prosthesis of claim 43, wherein the semi-rigid, resilient members of the leg portion are leaf spring type members.